

QPD  
**CANADIAN  
HELICOPTERS**  
AN HNZ COMPANY



1215 Montée Pilon  
Les Cèdres, QC, J7T 1G1  
Fax : 450 452-3098  
E-mail : stores@canadianhelicopters.com

**UNSERVICEABLE**

Form CH-04  
A.M.O. 165-93  
27 July, 2011

<input checked="" type="checkbox"/> Part / Component <small>*Items in bold below is required information regardless if part or tool.</small>	<input type="checkbox"/> Tool <input type="checkbox"/> Personal <input type="checkbox"/> Base	Barcode # Based at : Location :
Description <b>SKID TUBE R/H</b>		
Part No. <del>32580-04</del> <b>D205-634-01</b> Serial No. <b>NFN</b> <b>C131113B</b> <b>C131113A</b>		
*TSN <b>UNK</b> *TSO <b>UNK</b> *Hrs. This Inst. <b>UNK</b> <small>*Refer to Component Installed Report to verify times</small>		
Removed from A/C <b>C-119</b> Log Page (or ATA) & Item # <b>D-4093 with 48</b>		
MF Time <b>4096.1</b> Cycles/RIN/LDG <b>12391</b>		

Previous Certification of Replacement Part (A/C Reg., PO # or WO #)  
**ASSY REPLACED DURING GOODR A/F M5P.W.**  
**13 NOV 2013** **1165-93 ACA1316**  
Date Removed (d/m/y) Print & Signature & Approval #

ENTER REMOVAL CODE & Other Details / Special Instructions for VENDOR on Reverse Side

# UN SERVICEABLE

Removal Reason: TIMEX \_\_\_\_\_ TROUBLESHOOTING \_\_\_\_\_ MOD \_\_\_\_\_

SNAG ☒

☐ BURNT  
☐ CORRODED  
☒ CRACK  
☐ DELAM  
☐ EROSION  
☐ LEAK  
☐ LOWPOWER

☐ DROOP/OS  
☐ METAL  
☐ OTHERSNG  
☐ SMOKE  
☐ STALL  
☐ WORN

INCIDENT \_\_\_\_\_

☐ FOD  
☐ HARD LDG  
☐ LIGHTNING  
☐ MRSTRIKE  
☐ TRSTRIKE  
☐ OVERSPEED  
☐ OVERTEMP

☐ OVERTORQUE  
☐ OTHER IN

Other Details / Special Instructions for **VENDOR**

Warranty Requested ☐

SEVERAL SPACER BORE @ FWD SADDLE (4X)  
3 AFT SADDLE LOCATION FOUND CRACKED.  
REQ'D REPAIR.

**Work Order ID 109735**

November-27-13 11:43:37 AM

**\*109735\***

Page 1

Item ID: D205-634-041 REPAIR

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Replacement Skidtube Fits LH or RH

Start Date: 11/27/13 Start Qty: 1.00

**\*1\***

Cust Item ID:

Required Date: 11/29/13 Req'd Qty: 1.00


**\*1\***

Customer:

Reference:

Approvals:

Process Plan:



Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start **\*NR1\***Stop **\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

Draw Nbr

Revision Nbr

D2580-041

F

0.00

105

**\*105\***

QC

Memo

0.00

Quality Control

RECORD S/N (ATTACH REMOVAL TAG)

S/N C4131113B.

8316127

**B109735**

Work Order ID 109735

\*109735\*

Page 2

November-27-13 11:43:37 AM

Item ID: D205-634-041 REPAIR Accept \*N900040100\* Setup Start \*NS1\*  
 Revision ID: Stop \*NS2\*  
 Item Name: Replacement Skidtube Fits LH or RH  
 Start Date: 11/27/13 Start Qty: 1.00 \*1\* Cust Item ID:  
 Required Date: 11/29/13 Req'd Qty: 1.00 \*1\* Customer:  
 Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start \*NR1\*  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120		0.00							
*120*									
Skidtubes	Memo	0.00							
Skidtubes	STEP 2 OF RS1014: REMOVE AFT CAP AND HARDWARE (KEEP END CAP WITH TUBE TO RE-INSTALL)								
	STEP 3 OF RS1014: DRILL OUT AND REMOVE THE FOLLOWING CROSSBOLT SPACERS: 5TH, 17TH, 18TH, 19TH AND 20TH FROM AFT ENSURE ALL FOREIGN OBJECTS ARE REMOVED FROM SKIDTUBE								
	STEP 4 OF RS1014: TOUCH UP WITH ALODINE AS PER QSI005 INSTALL NEW D4202-1 CROSSBOLT SPACERS - QTY 5 B <u>105931</u> SWAGE AS PER DRWG D2580-041 GRIND GRIND CROSSBOLT SPACERS FLUSH								
130	QC5- Inspect part completeness to step on W/O	0.00							
*130*									
QC	Memo	0.00							
Quality Control									

13-11-27

mm 13/11/27

DAS 27 9-89

13/11/28

Work Order ID 109735

\*109735\*

Page 3

November-27-13 11:43:37 AM

Item ID: D205-634-041 REPAIR

Accept

\*N900040100\*

Setup Start \*NS1\*

Revision ID:

Stop \*NS2\*

Item Name: Replacement Skidtube Fits LH or RH

Start Date: 11/27/13 Start Qty: 1.00 \*1\*

Cust Item ID:

Required Date: 11/29/13 Req'd Qty: 1.00 \*1\*

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start \*NR1\*

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop \*NR2\*

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

170

Pressure Wash per QSI005 4.3

0.00

\*170\*

Hand Finish

Memo

0.00

Hand Finishing

STEP 6 OF RS1014:

Re-alodine tube as per QSI 005 section 4.1.2.1 do not acid etch and leave fwd cap out of solution.

CHECK FOR FOREIGN OBJECTS BEFORE RE-INSTALLATION OF AFT CAP

SIKAFLEX 1112745

EXP DATE 14101

QTY 2 X NAS1149D0332J B 11125807

QTY 2 X AN3-5A B 1112456

1 x d Ill 13 100 28

210

QC5- Inspect part completeness to step on W/O

0.00

\*210\*

QC

Quality Control

Memo

0.00

Inspect Aft Cap, Fwd Step and Wing Walk of work to Current Step Inspect for Foreign objects per QSI 024

DAS  
27  
9-89

13/11/28

J

# Work Order ID 109735

\*109735\*

Page 4

November-27-13 11:43:37 AM

Item ID: D205-634-041 REPAIR Accept \*N900040100\* Setup Start \*NS1\*  
 Revision ID: Stop \*NS2\*  
 Item Name: Replacement Skidtube Fits LH or RH  
 Start Date: 11/27/13 Start Qty: 1.00 \*1\* Cust Item ID:  
 Required Date: 11/29/13 Req'd Qty: 1.00 \*1\* Customer:  
 Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start \*NR1\*  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
220	Packaging	0.00							
*220*	Packaging	0.00							
Packaging	Memo								
Packaging	Identify and pack for shipping as per PPPD205-634-041 NO LABEL NO ARC - SEE PAT SMITH FOR PAPERWOK Location: _____ PPP Rev: _____								
230	QC21- Final Inspection - Work Order Release	0.00							
*230*	QC	0.00							
Quality Control									

DAS  
29  
9-89

MAINTENANCE RELEASE

MLJ 13-12-09

MF  
13-11-29

# Picklist Print

November-27-13 11:45:17 AM

Page 1

Work Order ID: 109735

Parent Item: D205-634-041 REPAIR

Start Date: 11/27/13

Required Date: 11/29/13

Parent Item Name: Replacement Skidtube Fits LH or RH

Start Qty: 1.00

Required Qty: 1.00

## Comments:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN3-5A Bolt		Purchased	No				Each	1,474.0000		14 2		12/11/13	

Location	Loc Qty	Loc Code
FP001	12	
122800	12	
GA	120	
117423	120	
ST350	22	
120187	22	
ST511	1000	
m126559	1000	
ST512	320	
122416	19	
124561	301	

D205-634-041

Manufactured No

Each 5.0000

Replacement Skidtube Fits LH or RH

Location	Loc Qty	Loc Code
FG	2	
87804	1	
98808	1	
FG073	3	
108995	1	
108997	1	
108999	1	

C131113B

# Picklist Print

November-27-13 11:45:20 AM

Page 2

Work Order ID: 109735

Parent Item: D205-634-041 REPAIR

Parent Item Name: Replacement Skidtube Fits LH or RH

Start Date: 11/27/13

Required Date: 11/29/13

Start Qty: 1.00

Required Qty: 1.00

D4202-1  
Spacer

Manufactured No

Each 1,103.0000

5

mm 13/11/28

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
LG001	1103	
104857	32	
105931	942	
96906	4	
97447	4	
98699	25	
99216	96	

5

NAS1149D0332J  
Washer

Purchased No

Each 2,766.0000

mm 13/11/28

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST293	1500	
125268	7	
m127374	496	
m127431	997	
ST294	266	
122973	75	
125044	8	
m125807	183	
ST511	1000	
m127389	1000	

x 2

November-27-13 11:45:21 AM

Shop Packet Print

Page 2









1270 Aberdeen Street  
Hawkesbury, Ontario K0A 1K7

## RETURN AUTHORIZATION

Date: 15-Nov-13  
Customer Name: Canadian Helicopters  
Customer Code: CCANA07  
Telephone No: 1-204-428-2420  
E-mail Address: Wieringa@canadianhelicopters.co  
Contact Name: Chris Wieringa  
Issued by: Jennifer Renwick

DART RA Number: RA111647  
Customer-Supplied: ☒ Trial/Test ☐  
Sales Order Generated: \_\_\_\_\_  
OEM Initiated & Chase: \_\_\_\_\_  
Approved by: \_\_\_\_\_  
DART Invoice #: \_\_\_\_\_  
PAR/CAR/NCR/SQ: \_\_\_\_\_

Quantity	Part Number	Description	Batch Number
1	D205-634-041	Replacement Skidtube	TBD
<b>CUSTOMER-SUPPLIED</b>			

Reason for Return: Cracked crossbolt spacers, reason: other  
invoice unknown

☐ Ord. Wrong - 3rd party  
☐ Ord. Wrong - OEM  
☐ Ord. Wrong - Web/Cat.

Credit Instructions:  
☐ Full credit  
☒ None

Return Instructions: Commerical Invoice Yes  
Documentation (STC/ARC/ICA) Yes  
Packing Slip Yes

Include on Commerical Invoice:  
Part Number/Description/Value in USD  
Parts are aircraft parts/return to Manufacturer

Shipping Instructions: Prepaid \_\_\_\_\_ Collect \_\_\_\_\_ Courier \_\_\_\_\_  
Account # \_\_\_\_\_

### RECEIVING RETURN AUTHORIZATION

Receiver: AS Condition of Packaging: Good Photograph Required  
Date Received: 13/11/18 Freight Company: YRC Yes No

Quantity	Part Number	Batch	QC Verification	CHG #	W/O#	Disposition
1	<del>D205-634-041</del>					
	D205-634-041					

QC Inspector: DAS Photograph Attached \_\_\_\_\_ Condition: \_\_\_\_\_  
Date: 16 Yes No Sealed Complete Short H/W Short Kit No P/W Damaged  
2.00 13/11/25

QC Comments: Type Attached RA Form From QC  
Special Return/Rework Instructions: PRODUCTION: P/N FOR REWORK  
MUST BE "D205-634-041 REWORK"

Issue Credit: Yes No Credit Invoice Amount: \_\_\_\_\_  
Restocking Fee: \_\_\_\_\_  
Approval: \_\_\_\_\_ Date: \_\_\_\_\_ Freight: \_\_\_\_\_  
Director Operations Net Credit: \_\_\_\_\_  
Closed by: \_\_\_\_\_ Close Date: \_\_\_\_\_

5  
17 18 19 20



## List Lots

November-27-13 10:31:50 AM

Page 1 of 1

Criteria : Item ID: d205-634-041 All Locations All Warehouses All Quantity

Item ID Item Name	Warehouse ID Location ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt	Lot Code	Type Code	Comments
D205-634-041 Replacement Skidtube Fits LH or RH	Main Warehouse FG073	108995	11/22/13	1.0000		qc21	chg005	
	Main Warehouse FG073	108997	11/22/13	1.0000		QC21	CHG005	
	Main Warehouse FG073	108999	11/22/13	1.0000		QC21	CHG073	
	Main Warehouse Retirn2013	C131113B	11/27/13	1.0000				
	OFFSHORE FG	87804	11/22/13	1.0000		QC21	CHG005	
	OFFSHORE FG	98808	11/22/13	1.0000		QC21	CHG005	
	Quarantine rmainspect	ra111171	5/29/12	2.0000				
	Total:			8.0000				



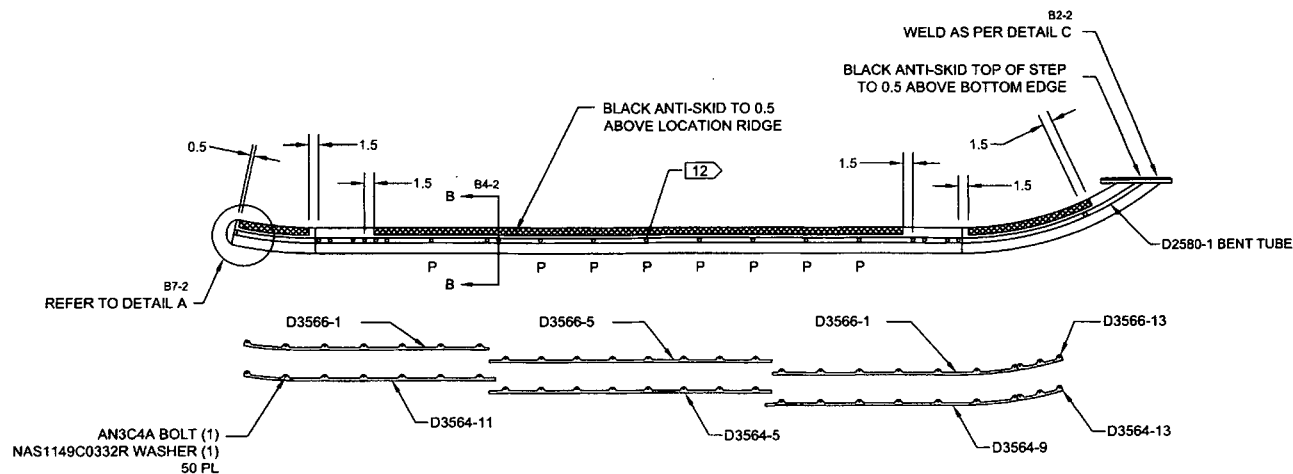
LIST OF MATERIALS					
ITEM	QTY -041	QTY -045	QTY -047	PART NUMBER	DESCRIPTION
1	X			D2580-041	SKIDTUBE ASSEMBLY
2		X		D2580-045	SKIDTUBE ASSEMBLY
3			X	D2580-047	SKIDTUBE ASSEMBLY
4	1	1	1	D2500-1-190	EXTRUSION
5			16	D2570	BUSHING
6	1	1	1	D2576-3	STEP
7		4		D2579	SPACER
8	16	16	8	D2594-1	PLUG
9	16	16	8	D2594-3	O-RING
10	1	1	1	D2596	205 WEB
11	1	1	1	D2855	AFT CAP
12	1	1		D3564-5	WEARSHOE
13	1	1		D3564-9	WEARSHOE
14	1	1		D3564-11	WEARSHOE
15	1	1		D3564-13	WEARSHOE
16	2	2		D3566-1	GASKET
17	1	1		D3566-5	GASKET
18	1	1		D3566-13	GASKET
19	20	20	24	D4202-1	SPACER
20			1	D4406-041	WEARPLATE ASSEMBLY
21			1	D4406-043	WEARPLATE ASSEMBLY
22	50	50		ALS7-1032-130 or AKS7-1032-130 or AKS4-1032-130 or AELS-1032-130	INSERT
23	50	50		AN3C4A	BOLT
24	2	2	2	AN3-5A	BOLT
25			8	AN4-45A	BOLT
26	50	50		NAS1149C0332R	WASHER (AN960C10L)
27	2	2	2	NAS1149D0332J	WASHER (AN960JD10L)
28			8	MS21042-4	NUT (OR MS21042L4)

# GENERAL NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: CHEMICAL CONVERSION PER DART QSI 005 4.1 PRIOR TO INSERTING D2596 WEB  
POWDER COAT ASSEMBLY (-041/-047) GLOSS WHITE (REF 4.3.5.1) PER DART QSI 005 4.3  
POWDER COAT ASSEMBLY (-045) GREEN SANDEX (REF 4.3.5.8) PER DART QSI 005 4.3  
BLACK ANTI-SKID PAINT AS INDICATED PER DART QSI 005 4.4.
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED.
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED.
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX.
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: D2580-041 = 34.5 lbs  
D2580-045 = 34.5 lbs  
D2580-047 = 37.7 lbs
- 8) WELDING PER DART QSI 004.
- 9) INSERT D2596 WEB TO LOCATION SHOWN OFF AFT END OF SKIDTUBE AND BOND WEB INTO OUTER TUBE WITH NON-STRUCTURAL SIKAFLEX-241 ADHESIVE PER DART QSI 015 BEFORE BENDING. ENSURE HOLES LINE-UP.
- 10) BEND AS A SMOOTH RADIUS STARTING WITH A MAXIMUM CENTERLINE RADIUS OF 60 AND ENDING WITH A MINIMUM RADIUS OF 30. A MAXIMUM REDUCTION OF 0.200 IN DIAMETER IS ALLOWABLE IN THE BENT PORTION OF THE TUBE.
- 11) USE DART DRILL TEMPLATE DT8217 & DT8937 ONLY FOR D2580-041/-045 TO LOCATE AND DRILL 20.297 HOLES FOR WEARSHOE INSERTS. INSTALL ALS7-1032-130 PER SECTIONS B-B AND F-F (50 PLACES) AFTER FINISH. INSTALL AN3C4A BOLTS AND NAS1149C0332R WASHERS WITH SIKAFLEX-241-291.
- 12) INSERT D2594-1 PLUG C/W D2594-3 O-RING IN HOLES MARKED 'P' (BOTH SIDES OF TUBE) AFTER FINISH (16 PLACES FOR D2580-041/-045 AND 8 PLACES FOR D2580-047)
- 13) IT IS ACCEPTABLE TO GRIND A RELIEF IN THE D2855 AFT CAP TO PREVENT INTERFERENCE WITH THE SPACER AT THIS LOCATION

RELEASED  
2013-07-13

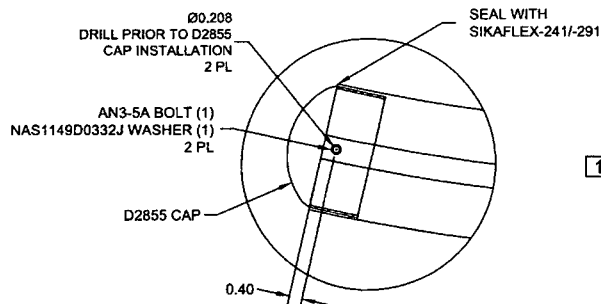
F	INCORPORATE DEO D2580-E-1 PER PAR12-218	DC	13.06.20
E	ADD D2580-047 (ZN C4-7) AND D2580-7 (ZN B3-8); INCLUDED DEO D2580-D-1; REFORMATTED DRAWING TO CURRENT STANDARDS; DT8217 & DT8937 WAS TD2577-205 (ZN C4-1)	RF	11.06.21
D	CHANGE TO SS WEARPLATES AND GASKETS, INCLUDE DEO 9124/ 9183	PH	07.04.05
C	REDRAWN, INCLUDED DEO 9094/ 9097	CP	98.08.26
B	AS MANUFACTURED	DS	96.12.02
A	NEW ISSUE	DS	96.09.16
REV.	DESCRIPTION	BY	DATE
DESIGN	#		
DRAWN	DC		
CHECKED	RF	DRAWING NO.	REV. F
MFG. APPR.	DD	D2580	SHEET 1 OF 8
APPROVED	HS	TITLE	SCALE
DE APPR.	#	205 SKIDTUBE ASSEMBLY	NTS
DATE	13.06.20	COPYRIGHT © 1996 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



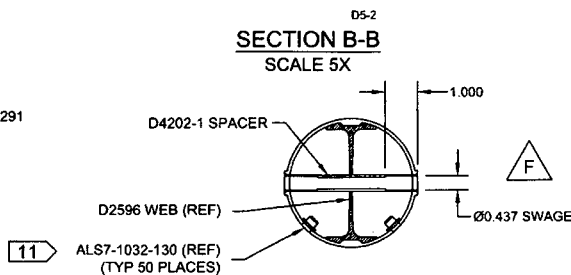
**D2580-041 ASSEMBLY DETAIL**

**RELEASED**  
2013-07-15

**DETAIL A**  
SCALE 5X

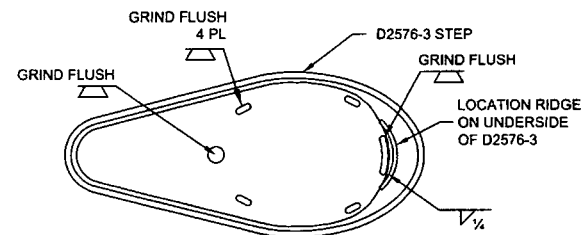


**SECTION B-B**  
SCALE 5X



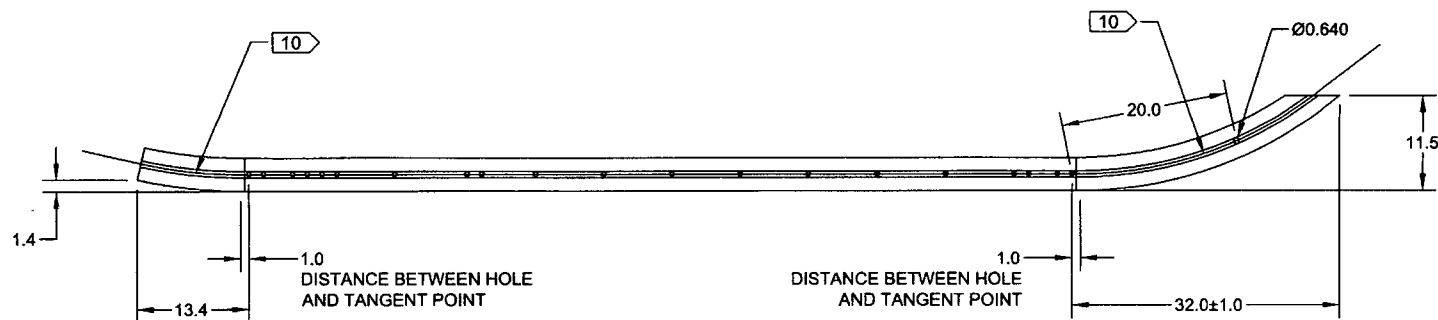
AFTER DRILLING AND BENDING ASSEMBLY  
PERFORM THE FOLLOWING FOR Ø0.508 HOLES ONLY:  
1. INSERT D4202-1 SPACER (20 PLACES)  
2. SWAGE TO Ø0.437 X 1.00 DEEP PER QSI 002  
3. TRIM / GRIND FLUSH PER QSI 002

**DETAIL C**  
SCALE 5X



DESIGN	<i>HS</i>	<b>DART AEROSPACE LTD</b>	
DRAWN	DC	HAWKESBURY, ONTARIO, CANADA	
CHECKED	RF	DRAWING NO.	REV. F
MFG. APPR.	DD	D2580	SHEET 2 OF 8
APPROVED	HS	TITLE	SCALE
DE APPR.	<i>HS</i>	205 SKIDTUBE ASSEMBLY	NTS
DATE	13.06.20	COPYRIGHT © 1996 BY DART AEROSPACE LTD	
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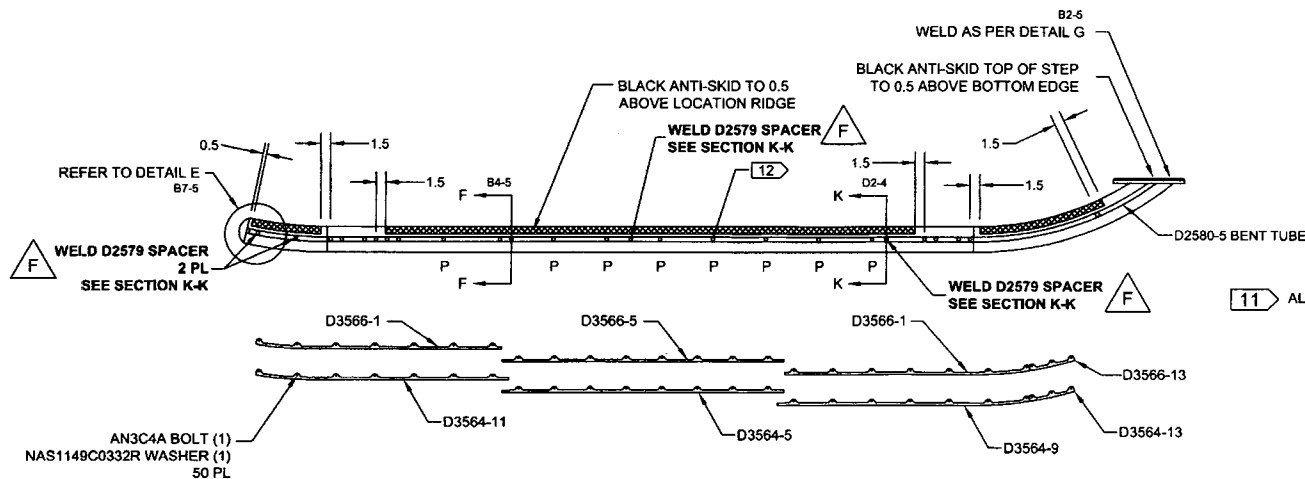




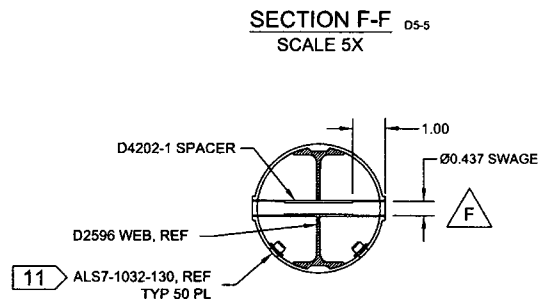
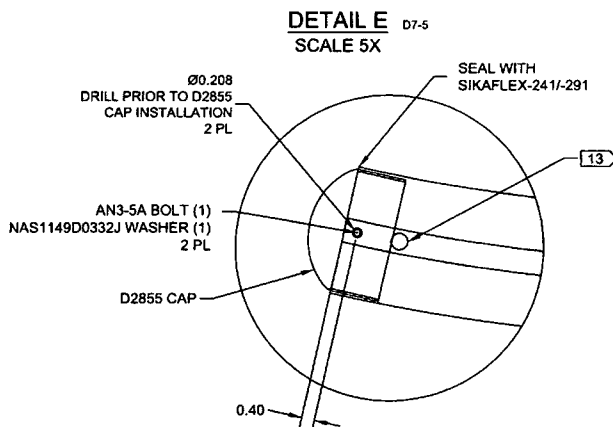
D2580-1 BENT TUBE  
(MAKE FROM D2580-10T TUBE)

**RELEASED**  
2013-07-15

DESIGN	DC	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF	DRAWING NO.	REV. F
CHECKED	DD	D2580	SHEET 3 OF 8
MFG. APPR.	HS	TITLE	SCALE
APPROVED		205 SKIDTUBE ASSEMBLY	NTS
DE APPR.		COPYRIGHT © 1996 BY DART AEROSPACE LTD	
DATE	13.06.20	THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMERCIALIZED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

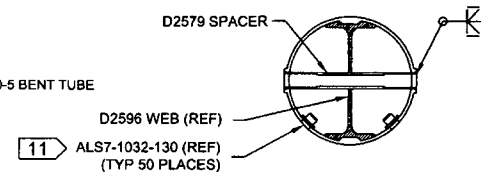


**D2580-045 ASSEMBLY DETAIL**

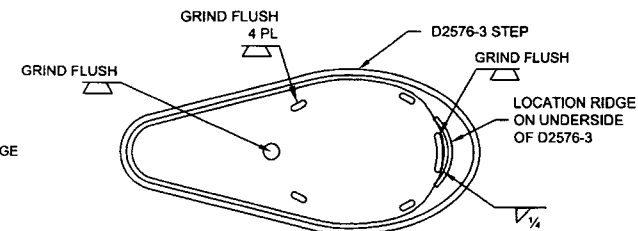


**AFTER DRILLING AND BENDING ASSEMBLY PERFORM THE FOLLOWING FOR Ø0.508 HOLES ONLY:**  
 1. INSERT D4202-1 SPACER (20 PLACES)  
 2. SWAGE TO Ø0.437 X 1.00 DEEP PER QSI 002  
 3. TRIM/GRIND FLUSH PER QSI 002

**SECTION K-K D5-4 SCALE 5X**

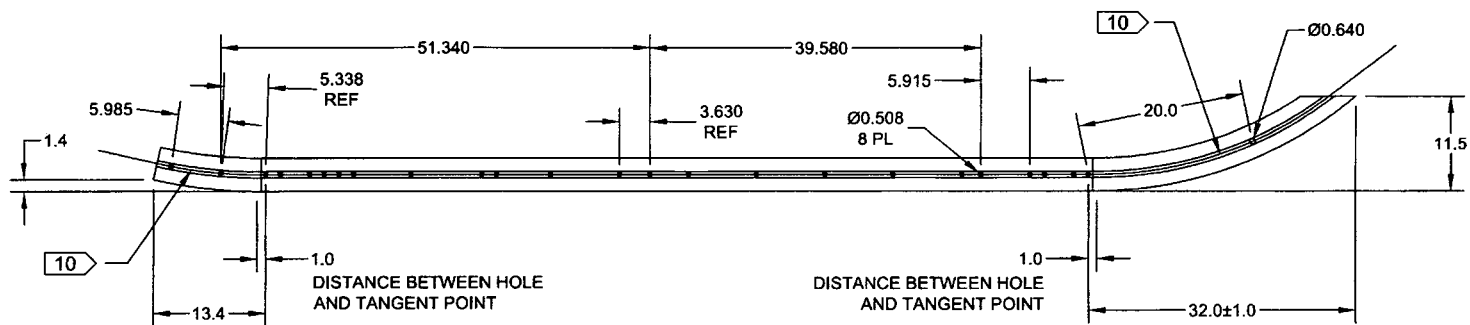


**AFTER DRILLING AND BENDING ASSEMBLY PERFORM THE FOLLOWING FOR Ø0.508 HOLES ONLY:**  
 1. CHAMFER HOLE 0.050 X 45°  
 2. INSERT D2579 SPACER (4 PLACES)  
 3. WELD INTO PLACE AND GRIND FLUSH  
 4. DO NOT C'BORE



DESIGN	DC	<b>DART AEROSPACE LTD</b>	
DRAWN	DC	HAWKESBURY, ONTARIO, CANADA	
CHECKED	RF	DRAWING NO.	REV. F
MFG. APPR.	DD	D2580	SHEET 4 OF 8
APPROVED	HP	TITLE	SCALE
DE APPR.	HP	205 SKIDTUBE ASSEMBLY	NTS
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**RELEASED**  
 2013-07-15

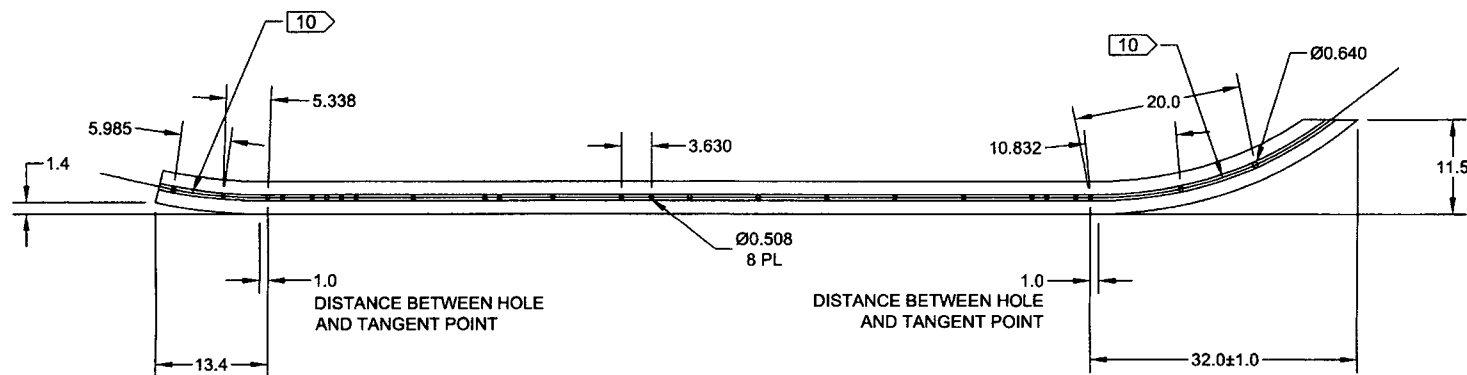


**D2580-5 BENT TUBE**  
(MAKE FROM D2580-101 TUBE)

**RELEASED**  
2013-07-15  
*MP*

DESIGN	<i>HS</i>	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	DC		
CHECKED	RF	DRAWING NO.	REV. F
MFG. APPR.	DD	D2580	SHEET 5 OF 8
APPROVED	<i>HS</i>	TITLE	SCALE
DE APPR.	<i>HS</i>	205 SKIDTUBE ASSEMBLY	NTS
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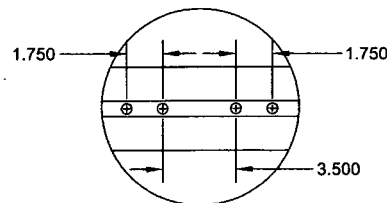
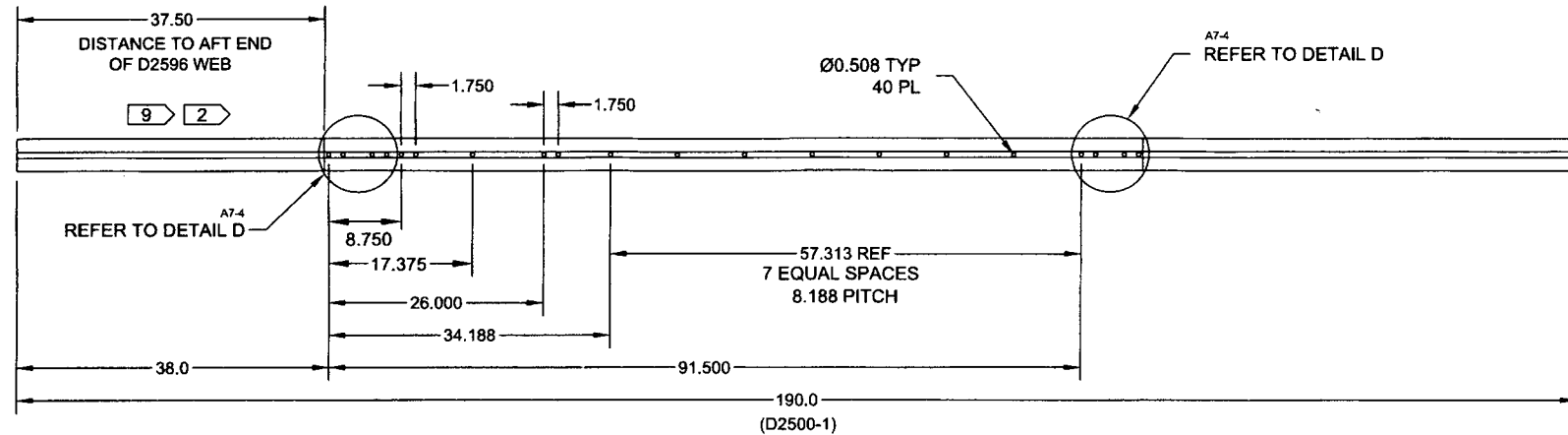




**D2580-7 BENT TUBE**  
(MAKE FROM D2580-101 TUBE)

**RELEASED**  
2013-07-15

DESIGN	DC	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF	DRAWING NO.	REV. F
CHECKED	DD	D2580	SHEET 7 OF 8
MFG. APPR.	HS	TITLE	SCALE
APPROVED	CH	205 SKIDTUBE ASSEMBLY	NTS
DE APPR.			
DATE	13.06.20	COPYRIGHT © 1996 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

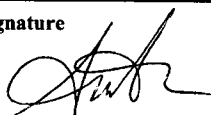


**DETAIL D** D3-4  
SCALE 5X C7-4

**D2580-101 TUBE**

**RELEASED**  
2013-07-15  
JNP

DESIGN	DC	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	DC		
CHECKED	RF	DRAWING NO.	REV. F
MFG. APPR.	DD	D2580	SHEET 8 OF 8
APPROVED	HS	TITLE	SCALE
DE APPR.	HS	205 SKIDTUBE ASSEMBLY	NTS
DATE	13.06.20	<small>COPYRIGHT © 1996 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSES OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE Form One</b>			3. Form Tracking Number:  SO114059	
4. Organizations Name and Address:  <b>Dart Aerospace Ltd., 1270 Aberdeen Street, Hawkesbury, Ontario, K6A 1K7, CANADA</b> Tel: 1 (613) 632-5200 Fax: 1 (613) 632-5246 www.dartaero.com					5. Work Order/Contract/Invoice  075850	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:	
1	Replacement Skidtube Fits LH or RH	D205-634-041	1	B109735	Repaired	
12. Remarks:  Above Skid Tube P/N D205-634-041 was removed on customer work order 13-2759, Airframe Time 4096.1 hrs. due to cracks found at attachment points. Skid Tube was repaired according to Dart Engineering Repair Scheme RS1014 on work order 109735. Previous certification Serial Number C131113B. Maintenance Notes: Part to be installed according to TCCA STC SH96-88.						
13a. Certifies that the items identified above were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input checked="" type="checkbox"/> CAR 571.10 Maintenance Release  <input type="checkbox"/> Other regulations specified in Block 12  Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12, has been performed in compliance with the <i>Canadian Aviation Regulations</i> .			
13b. Signature		13c. Approval Organization Number		14b. Signature		14c. Approved Organization Number
						9-89
13d. Name		13e. Date (dd/mm/yyyy):		14d. Name		14e. Date (dd/mm/yyyy):
				Patrick Smith		29/Nov/2013
30 Dec 2008(Previously form 24-0078)						
<p align="center"><b>Installer Responsibilities</b></p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than the authority specified in Block 1, must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements 13a or 14a do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						